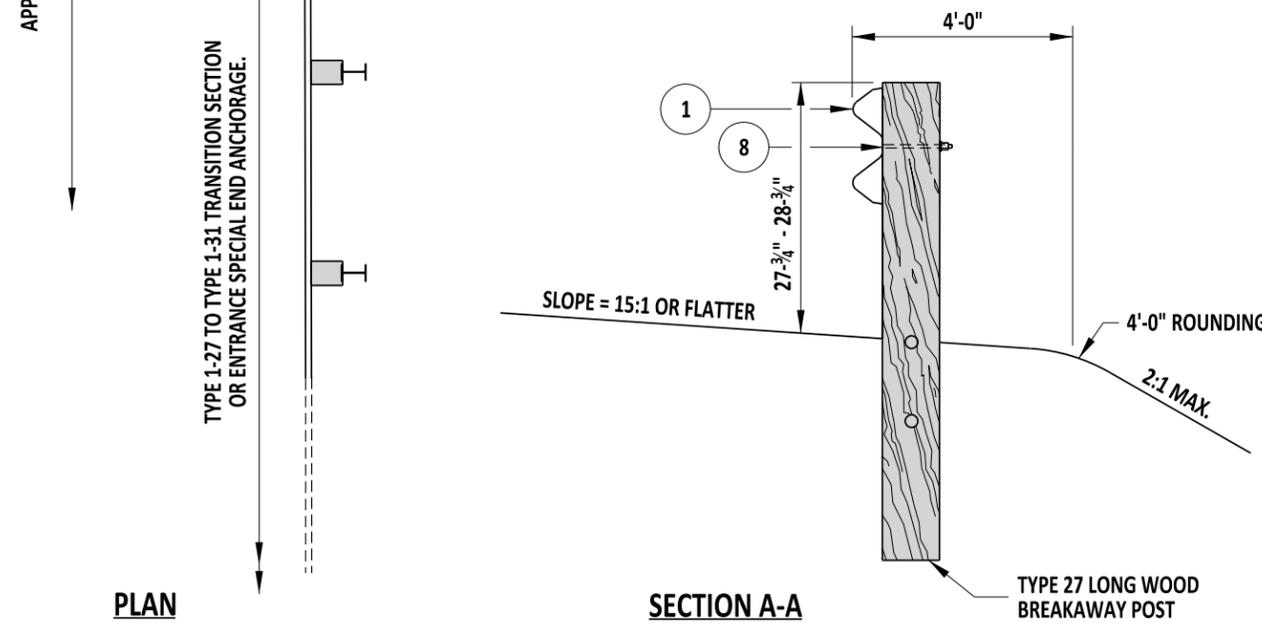
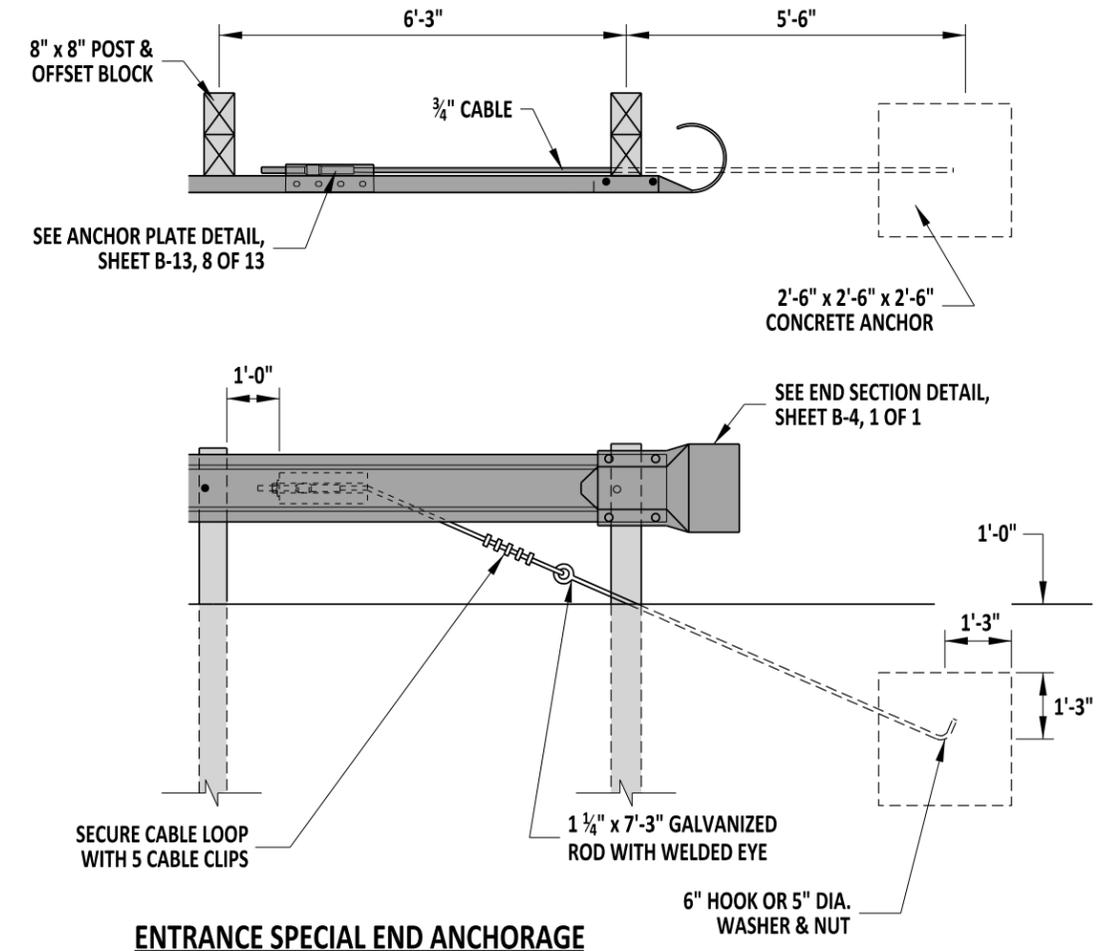
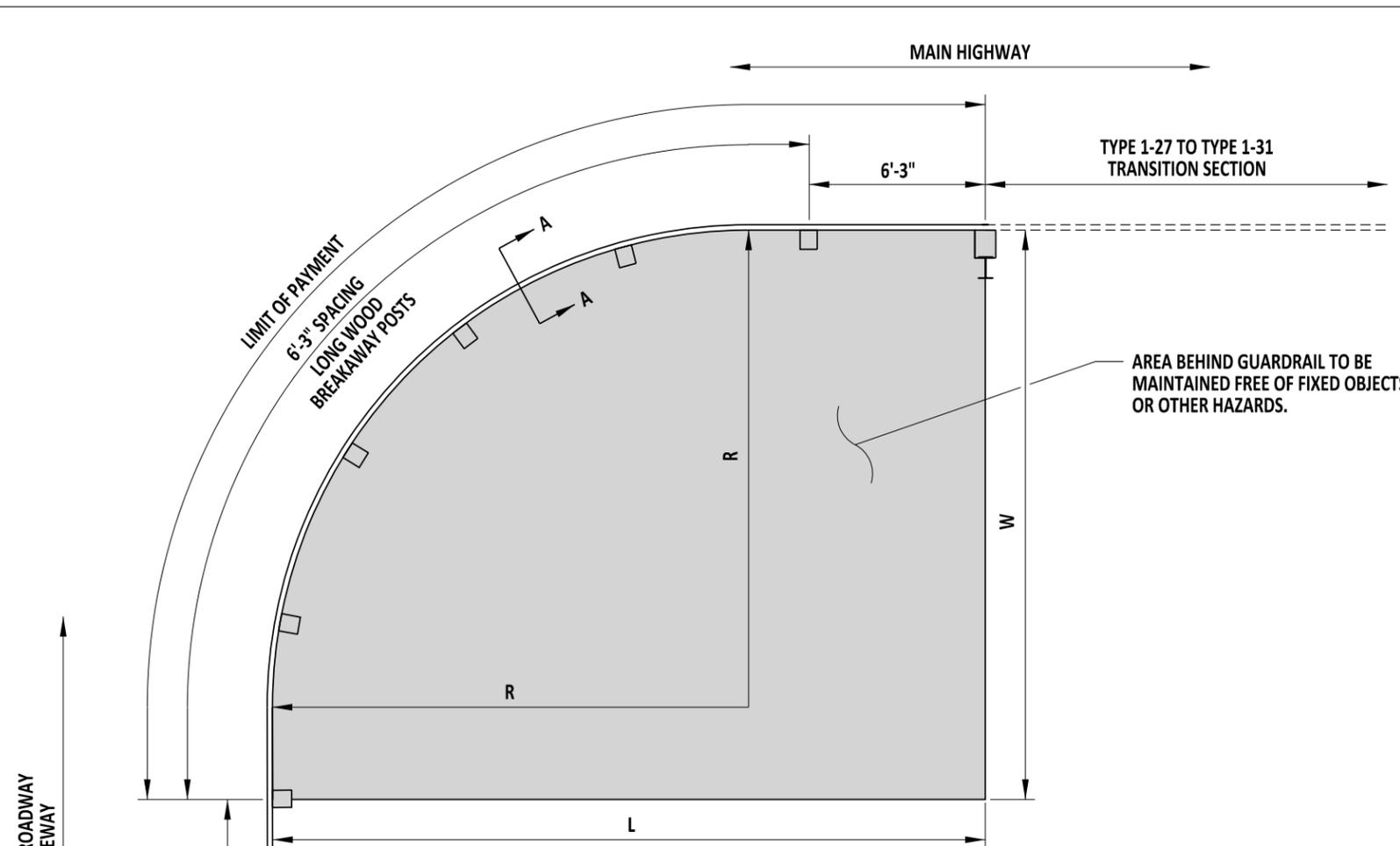


SCALE : NTS

RADIUS	MIN. REQUIRED AREA FREE OF FIXED OBJECTS
	L x W
8'-6"	25'-0" x 15'-0"
17'-0"	30'-0" x 15'-0"
25'-6"	40'-0" x 20'-0"
35'-0"	50'-0" x 20'-0"

NOTES:

- 1). NO WASHERS ARE USED ON THE RAIL SIDE OF THE LONG WOOD BREAKAWAY POSTS.
- 2). THE CURVED GUARDRAIL SECTION SHALL BE SHOP BENT.
- 3). PLACE GUARDRAIL DELINEATORS AT THE INTERVALS SPECIFIED IN THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- 4). INSTALL CURB IN ACCORDANCE WITH THE CONTRACT AT A MAX CURB HEIGHT OF 2", FLUSH WITH FACE OF GUARDRAIL.
- 5). ON THE 8'6" RADIUS SYSTEM ONLY, THE RAIL IS NOT TO BE BOLTED TO THE CENTER POST.
- 6). THIS DETAIL IS BASED ON NCHRP 350 CRASH TESTING. MASH COMPLIANT DETAILS ARE NOT YET AVAILABLE.



PLAN

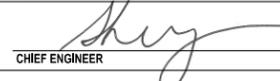
SECTION A-A

ENTRANCE SPECIAL END ANCHORAGE




 ENGINEERING SUPPORT 09/01/2020
 RECOMMENDED DATE

CURVED GUARDRAIL SECTION, TYPE 1-27
 STANDARD NO. B-18 (2020) SHT. 1 OF 1

REVIEWED  09/01/2020
 DEPUTY DIRECTOR - DESIGN DATE
 APPROVED  09/01/2020
 CHIEF ENGINEER DATE